

bly and representative components and seals incorporating features of the subject invention as shown in Figure 1;

[0015] Figure 3 is an exploded elevational view of a portion of the manifold of Figure 2, showing one complete gas bridge located between two partially illustrated gas bridges and showing an optional representative seal; Figure 3A is a cross-sectional view of the assembled manifold portion of Figure 2;

[0016] Figure 3B is a cross-sectional view of an alternative gas bridge incorporating a tee fitting and an additional tube section, in addition to the two elbows and the tube section shown in the complete gas bridge 8 illustrated in Figures 3 and 3a;

[0017] Figure 4 is a perspective view of an alternative manifold system of the present invention which incorporates multiple flow paths extending in various directions;

DETAILED DESCRIPTION

[0018] Referring now to the drawings wherein the drawings are for the purposes of illustrating the preferred embodiments of the invention only and not for purposes of limiting same, a unique manifold system is shown in the Figures 1 - ~~30~~⁴. The inventions as shown and described in the Figures are useful, for example, as part of a high purity